

Program Complot  
(Version 2021-1)

by

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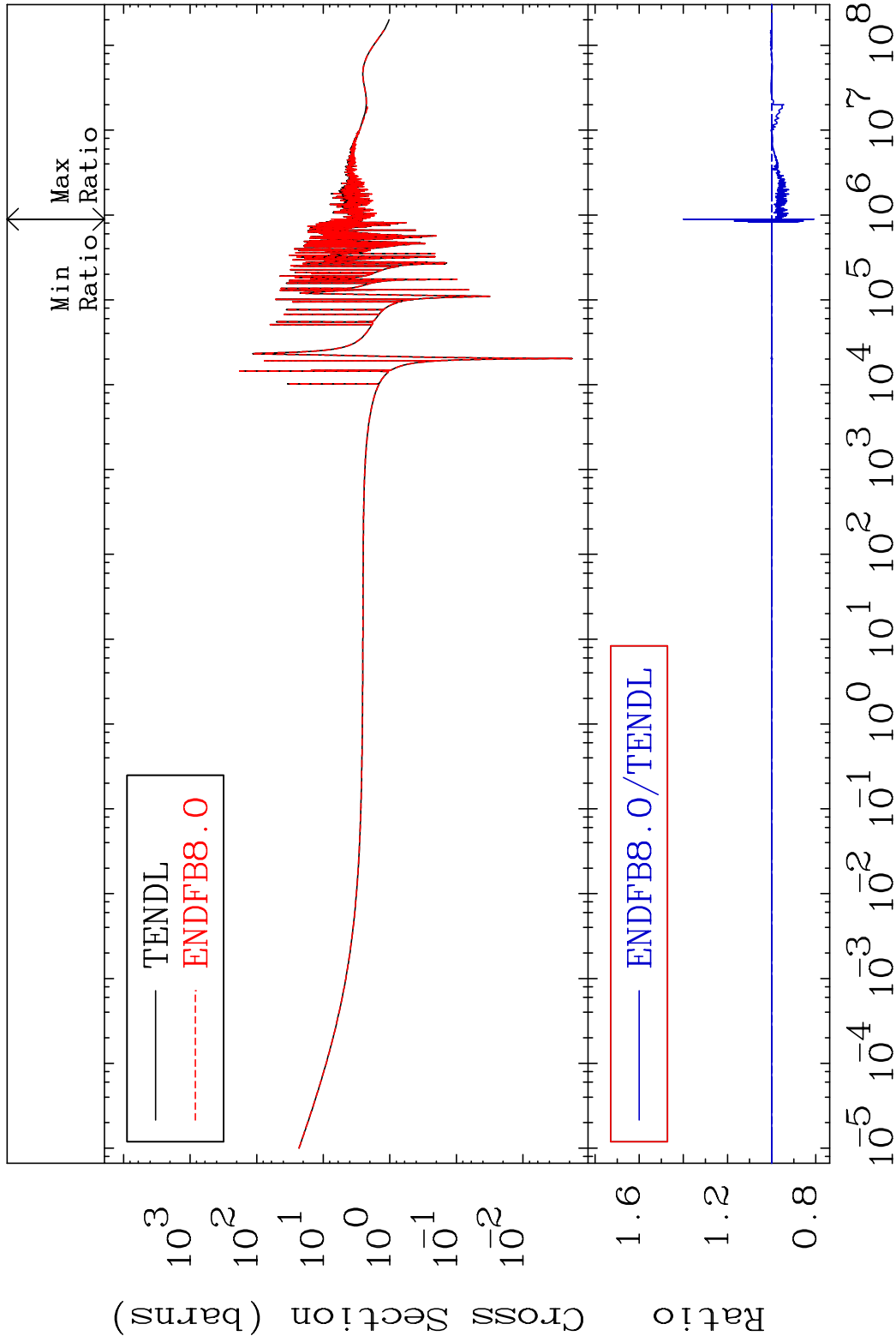
Press Mouse Button to Start

MAT 2437

Total

24-Cr-54

Cross Section -19.12 To 39.96 %



1 Incident Energy (eV)

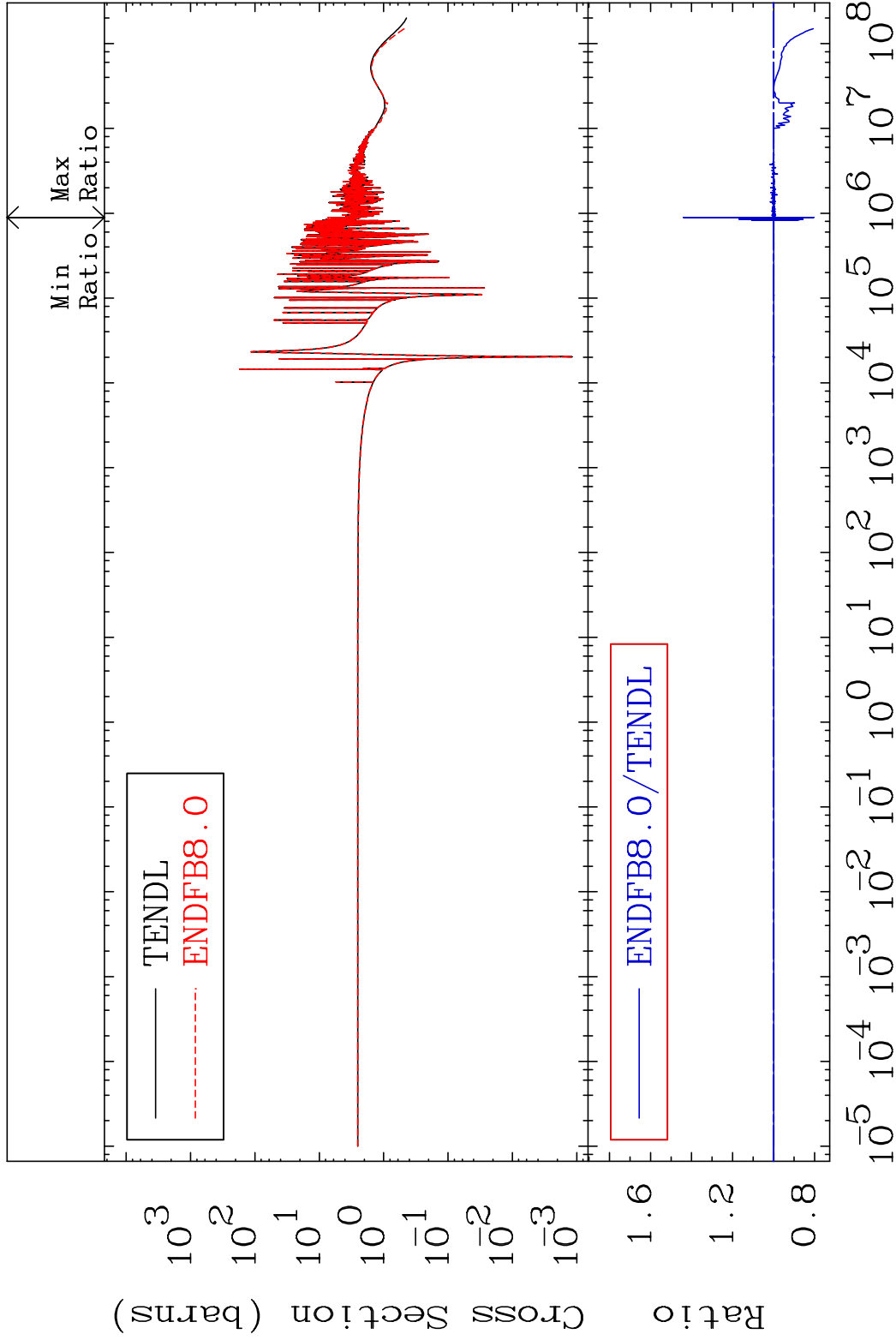
24-Cr-54

MAT 2437

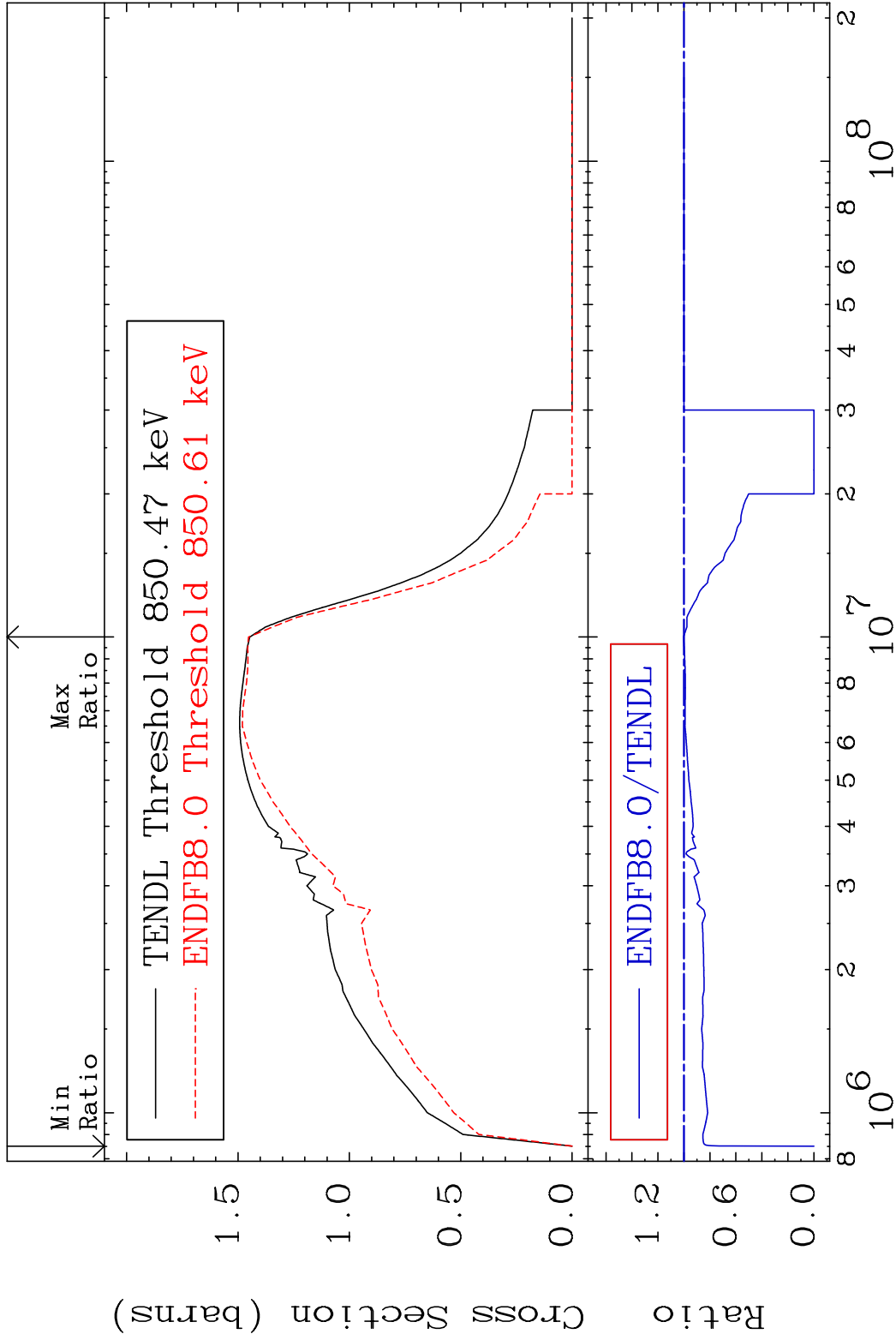
Elastic

24-Cr-54

Cross Section -19.62 To 43.96 %

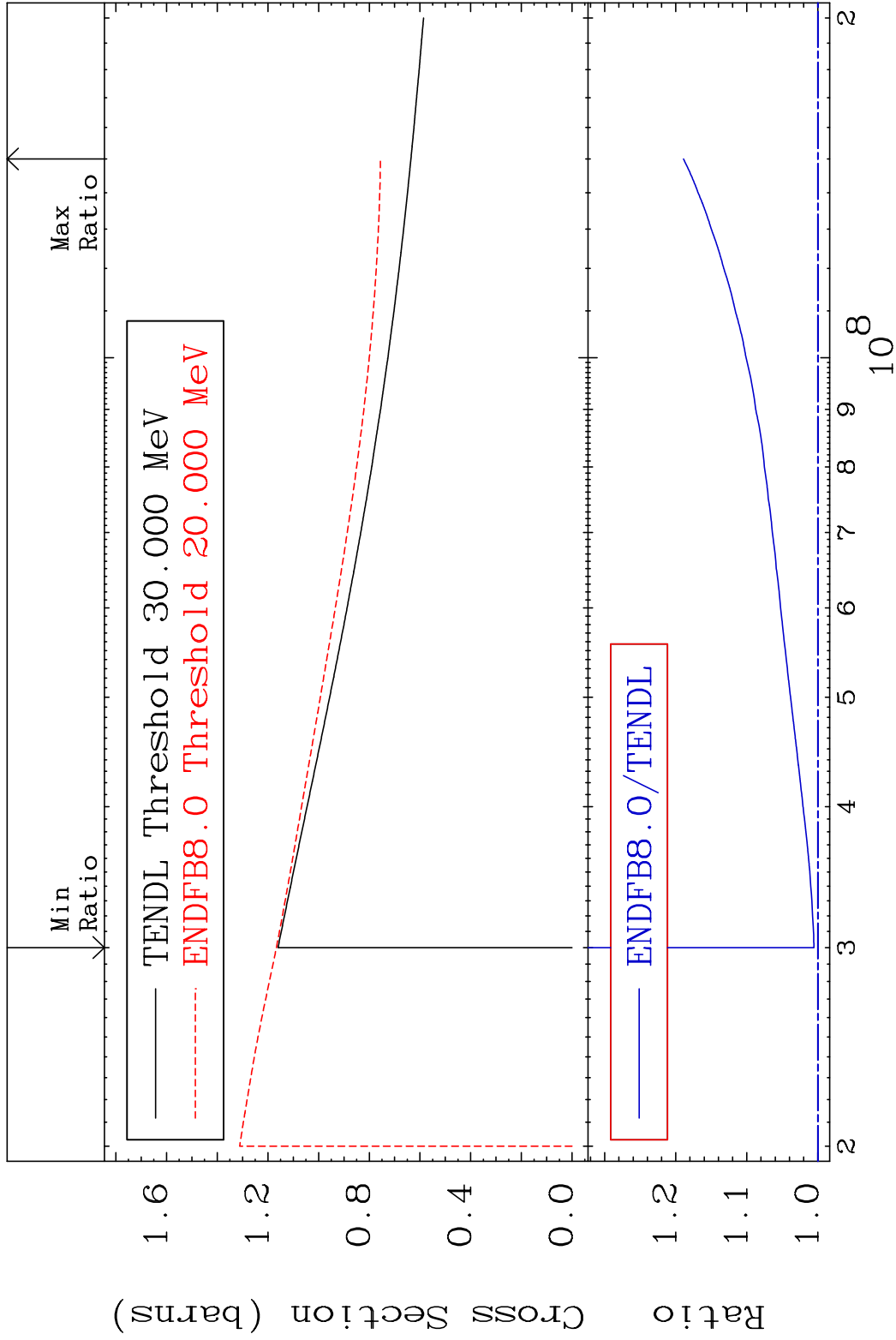


MAT 2437 Inelastic Cross Section -100.0 To 0.370 % <sup>24</sup>Cr-54



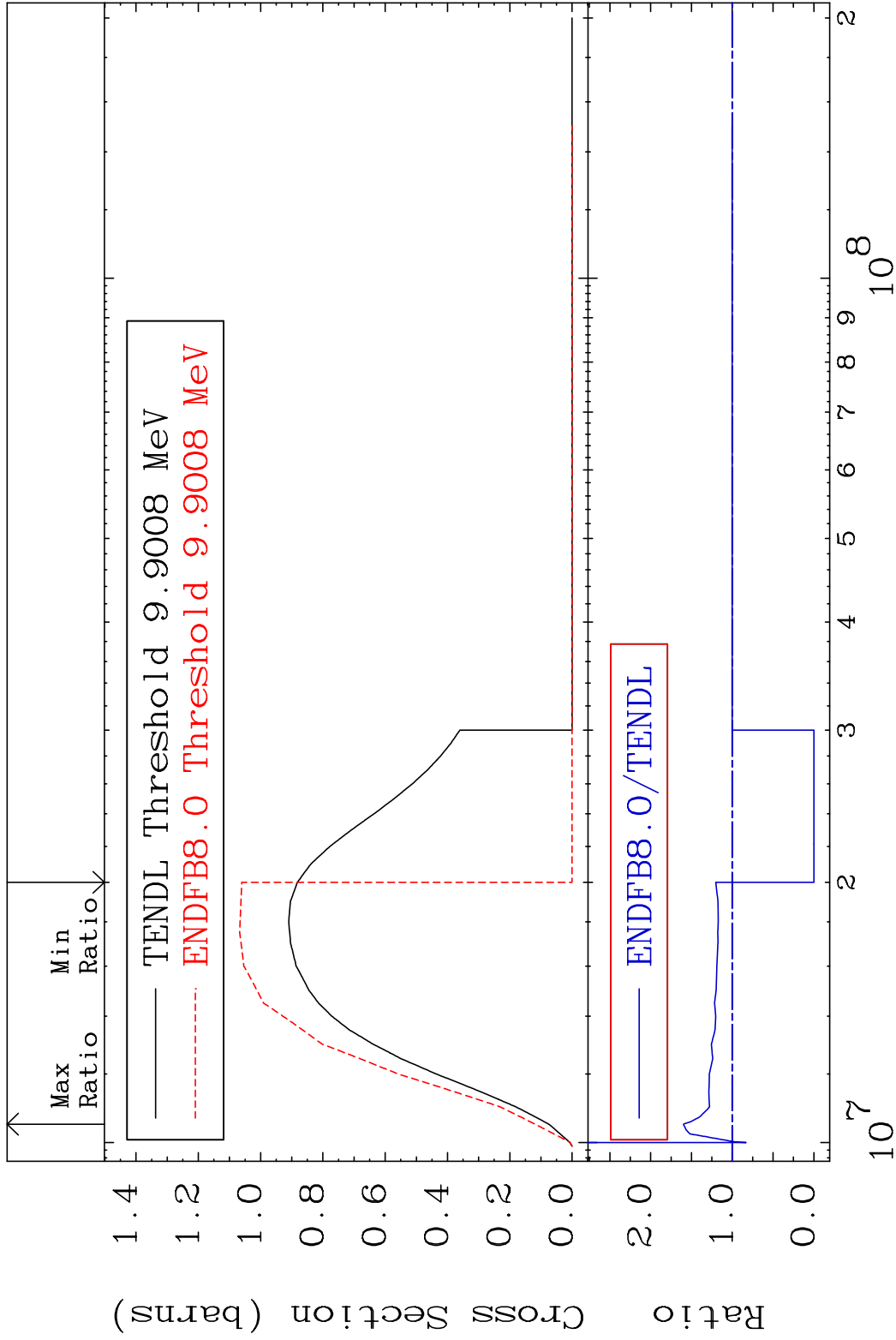
3 Incident Energy (eV) <sup>24</sup>Cr-54

MAT 2437 (n, remainder) 24-Cr-54  
 Cross Section 0.562 To 18.92 %



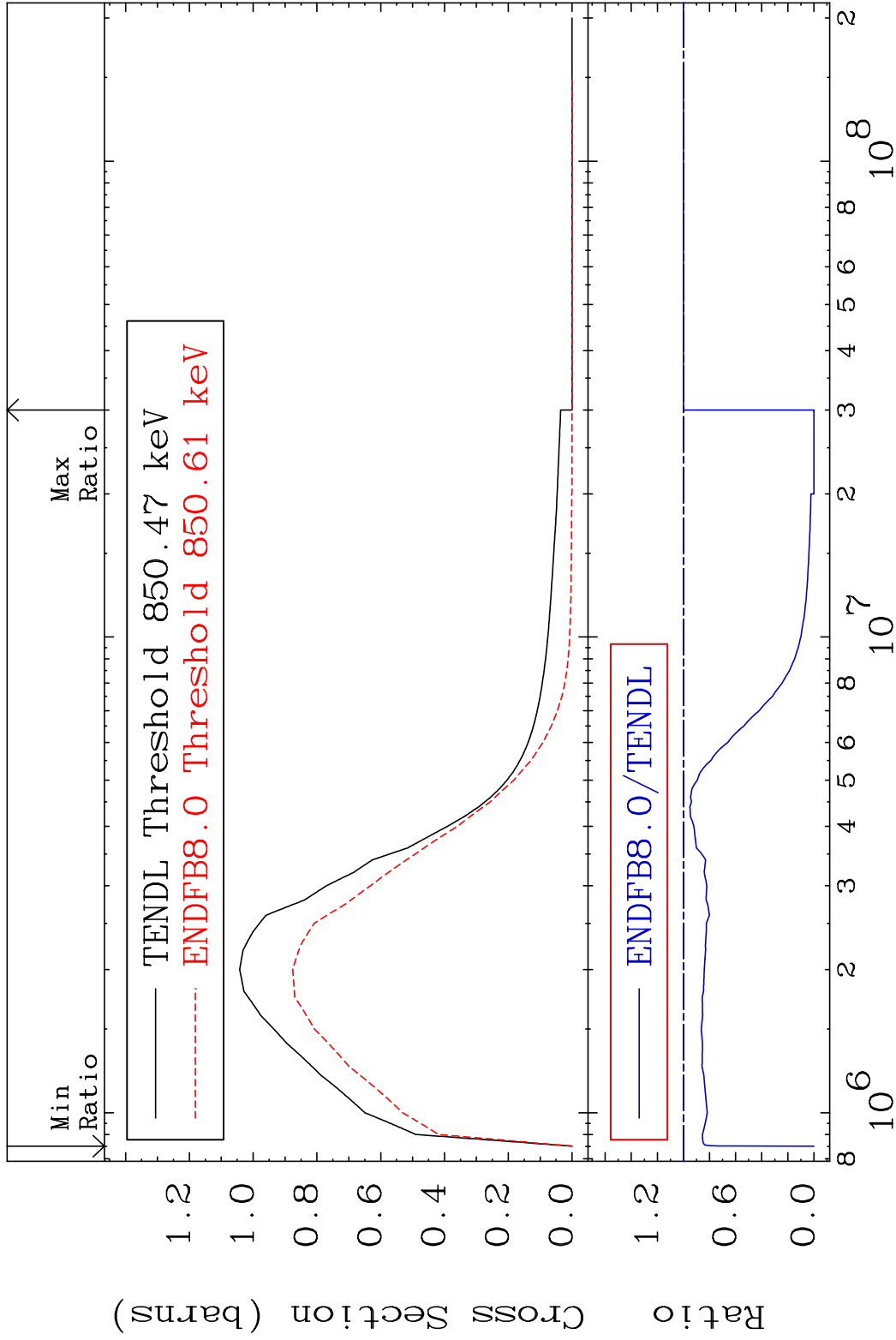
4 Incident Energy (eV) 24-Cr-54

MAT 2437 (n,2n) 24-Cr-54  
 Cross Section -100.0 To 59.80 %



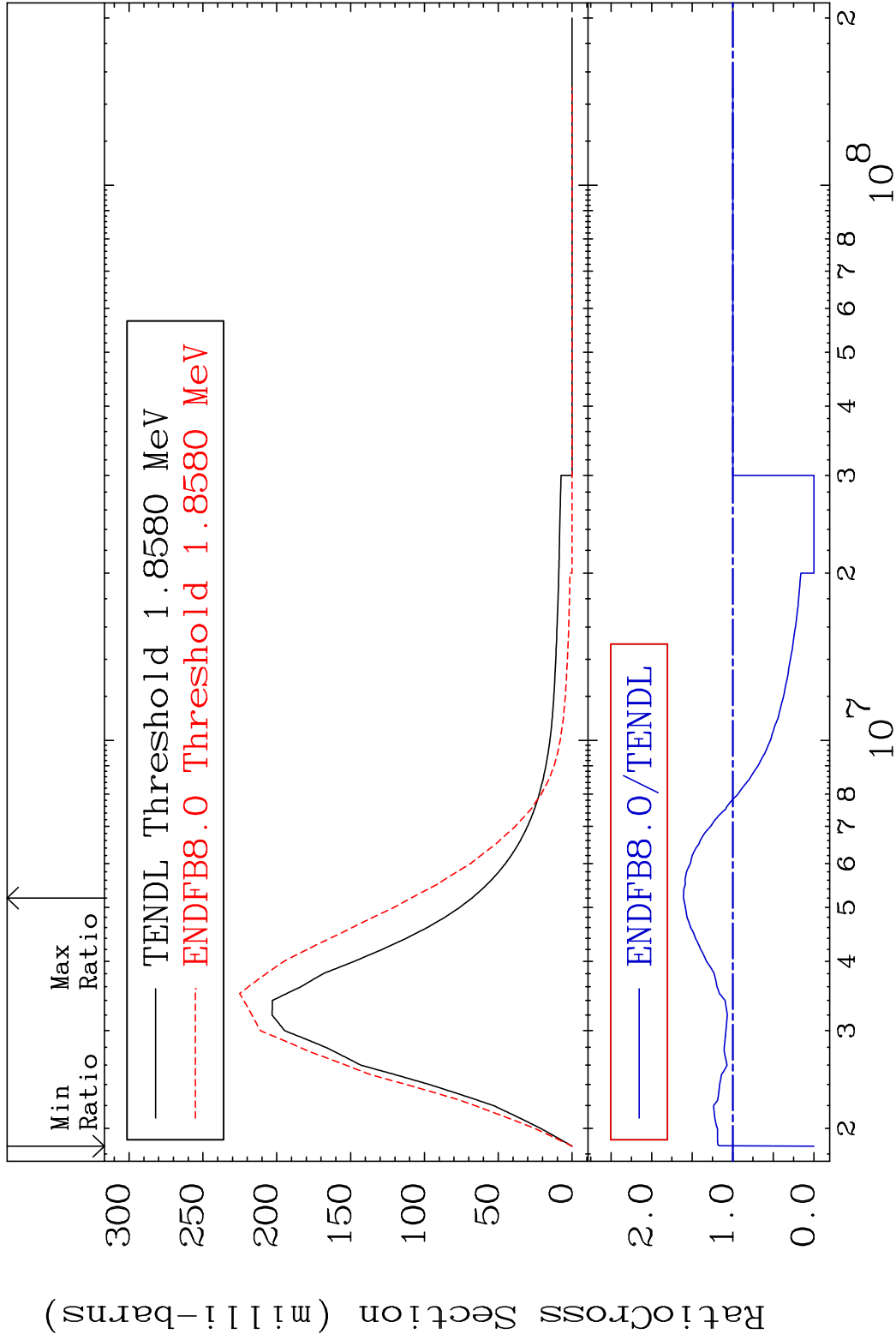
5 24-Cr-54

MAT 2437 MT= 51 (n, n') Level 24-Cr-54  
 Cross Section -100.0 To 0.000 %



6 Incident Energy (eV) 24-Cr-54

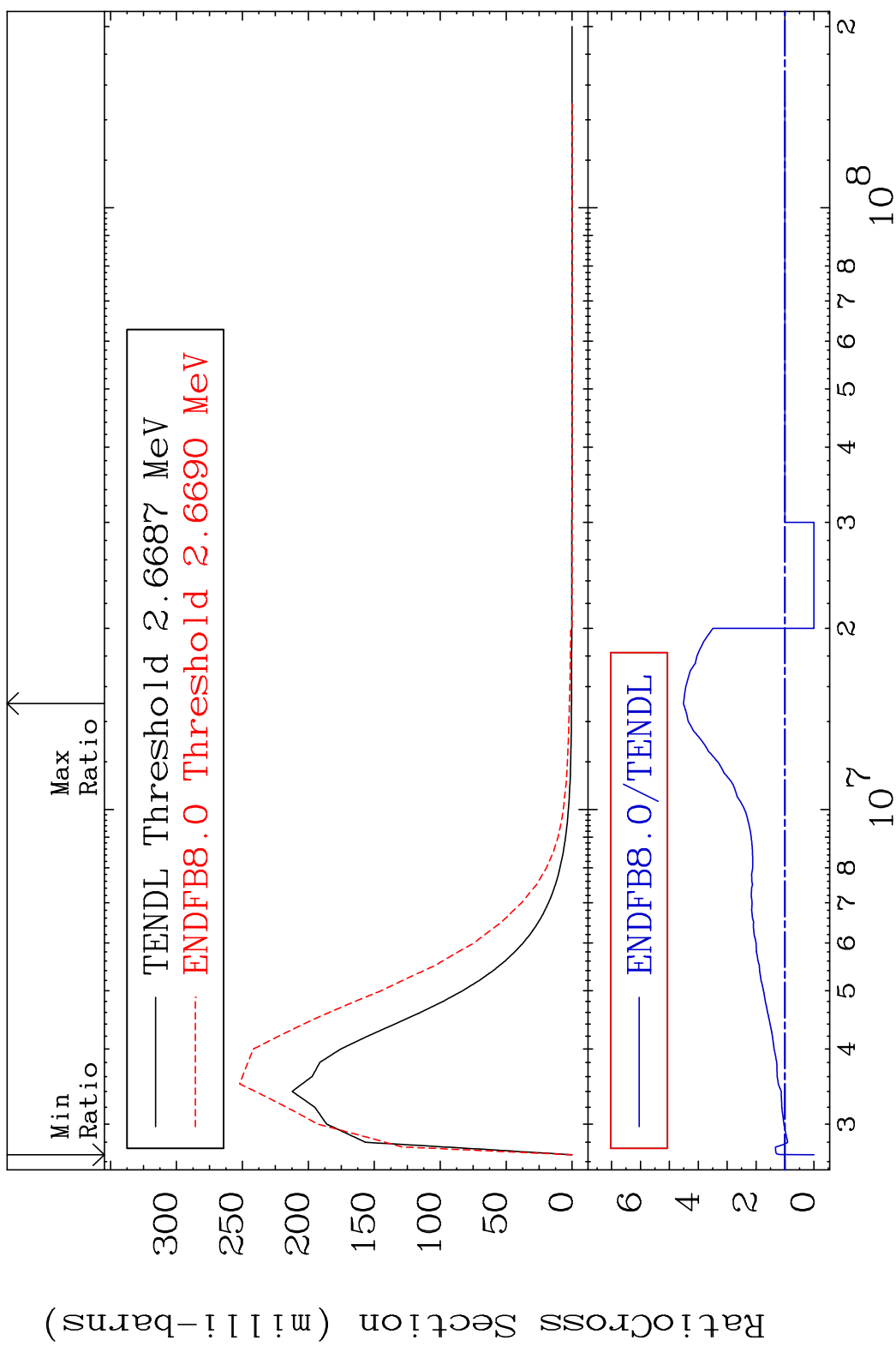
MAT 2437 MT= 52 (n, n') Level 24-Cr-54  
 Cross Section -100.0 To 60.78 %



7 Incident Energy (eV) 24-Cr-54

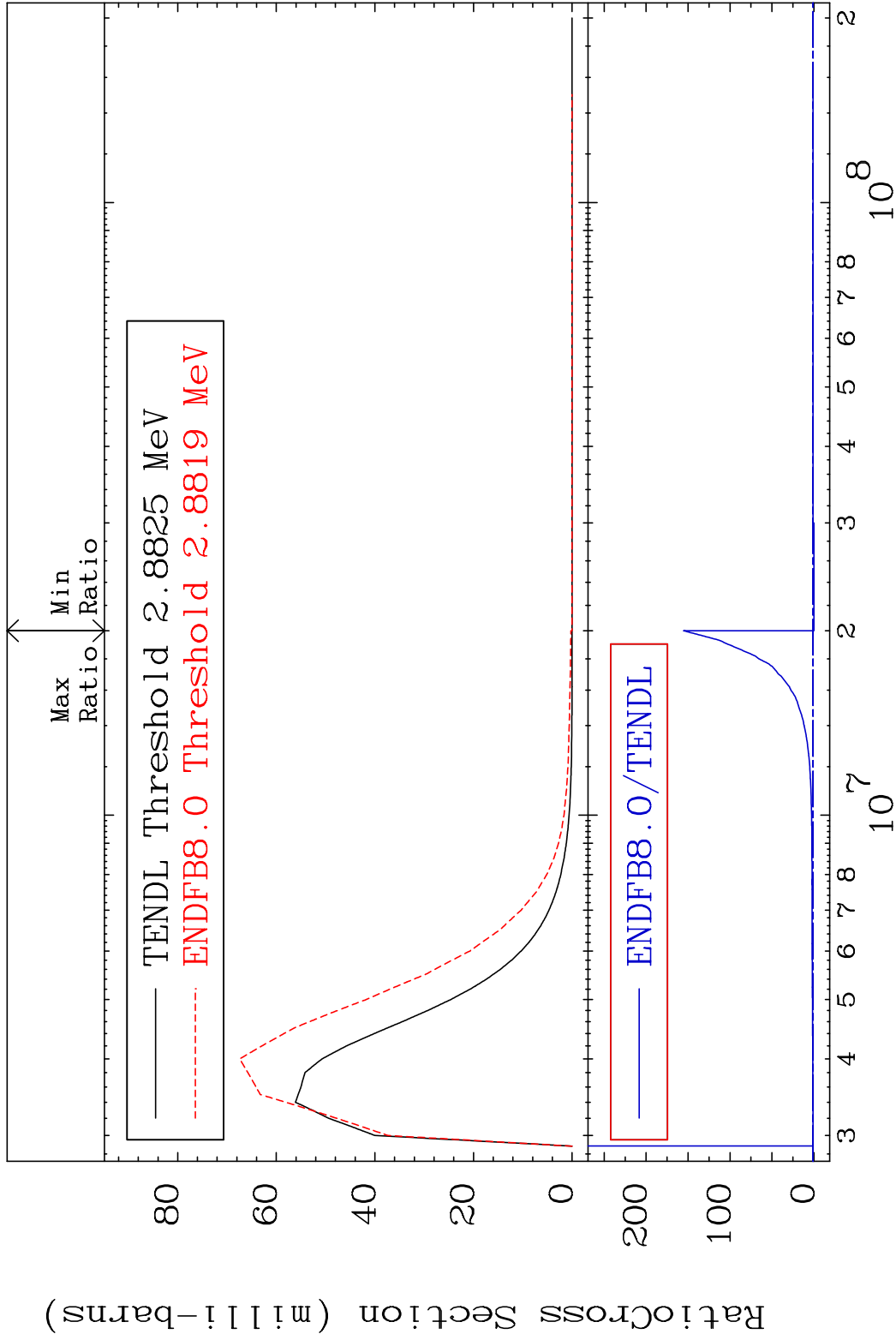


MAT 2437 MT= 53 (n, n') Level 24-Cr-54  
 Cross Section -100.0 To 351.3 %



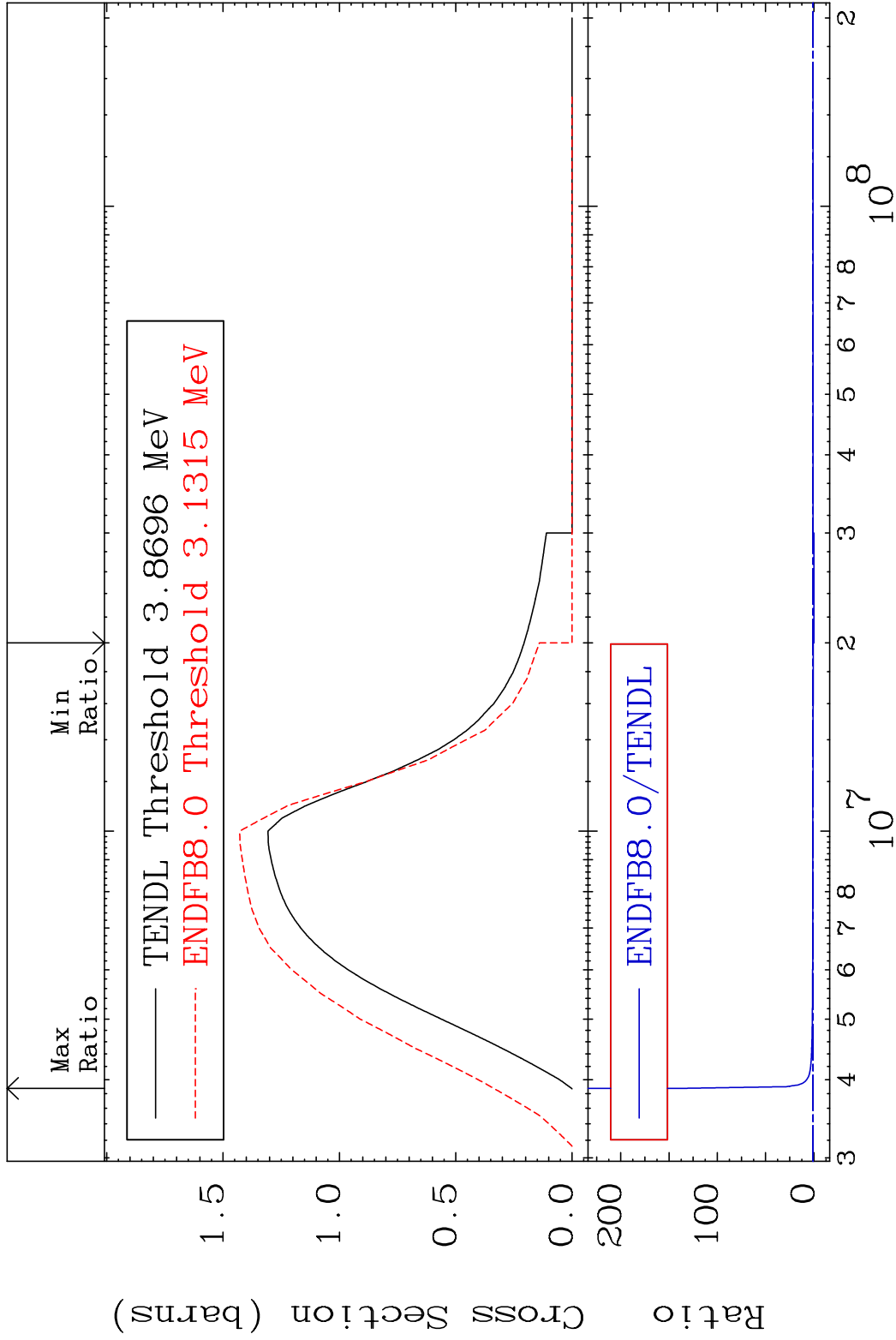
8 Incident Energy (eV) 24-Cr-54

MAT 2437 MT= 54 (n, n') Level 24-Cr-54  
 Cross Section -100.0 To 9999. %



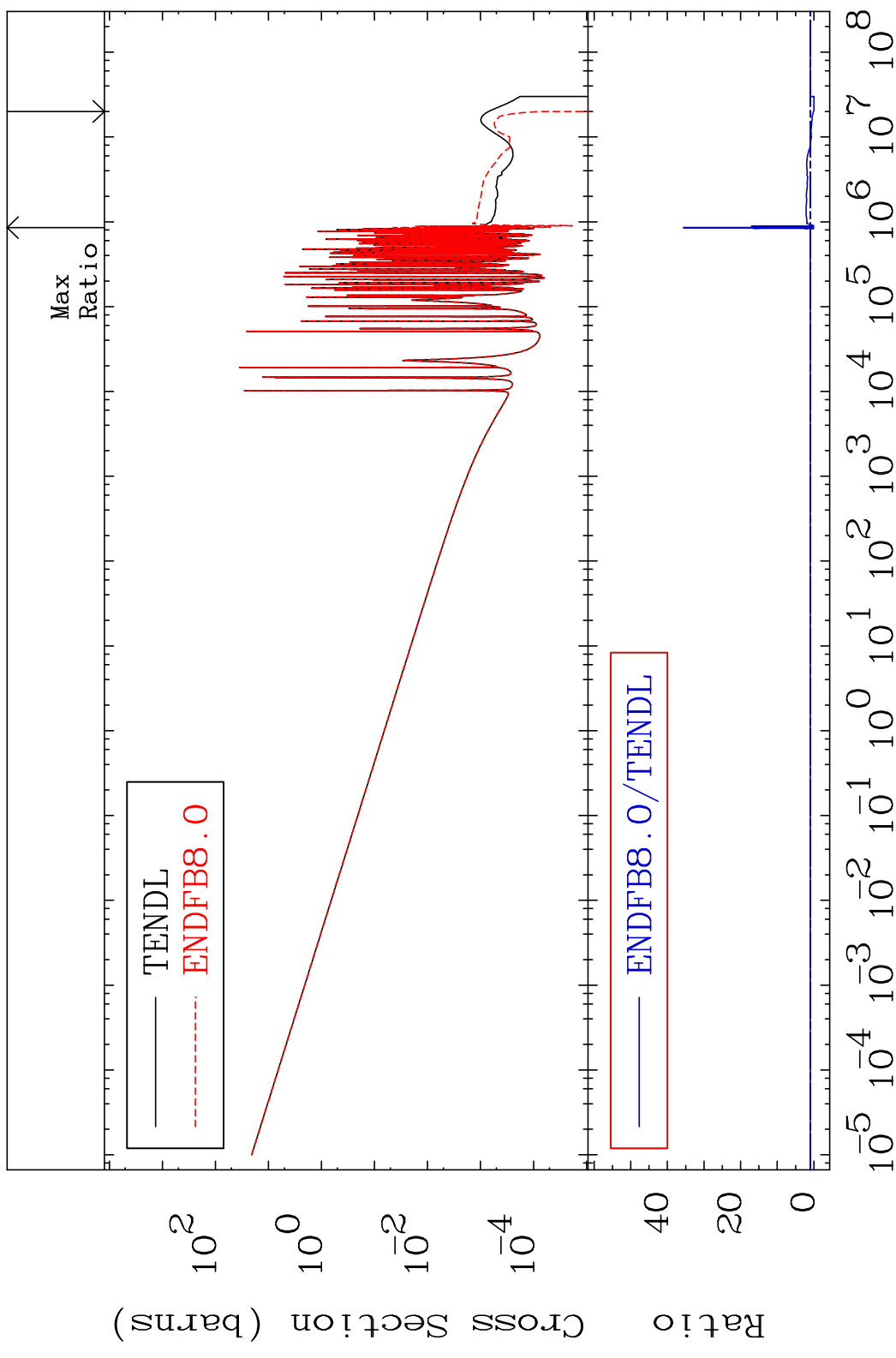
9 Incident Energy (eV) 24-Cr-54

MAT 2437 (n,n') Continuum 24-Cr-54  
 Cross Section -100.0 To 9999. %



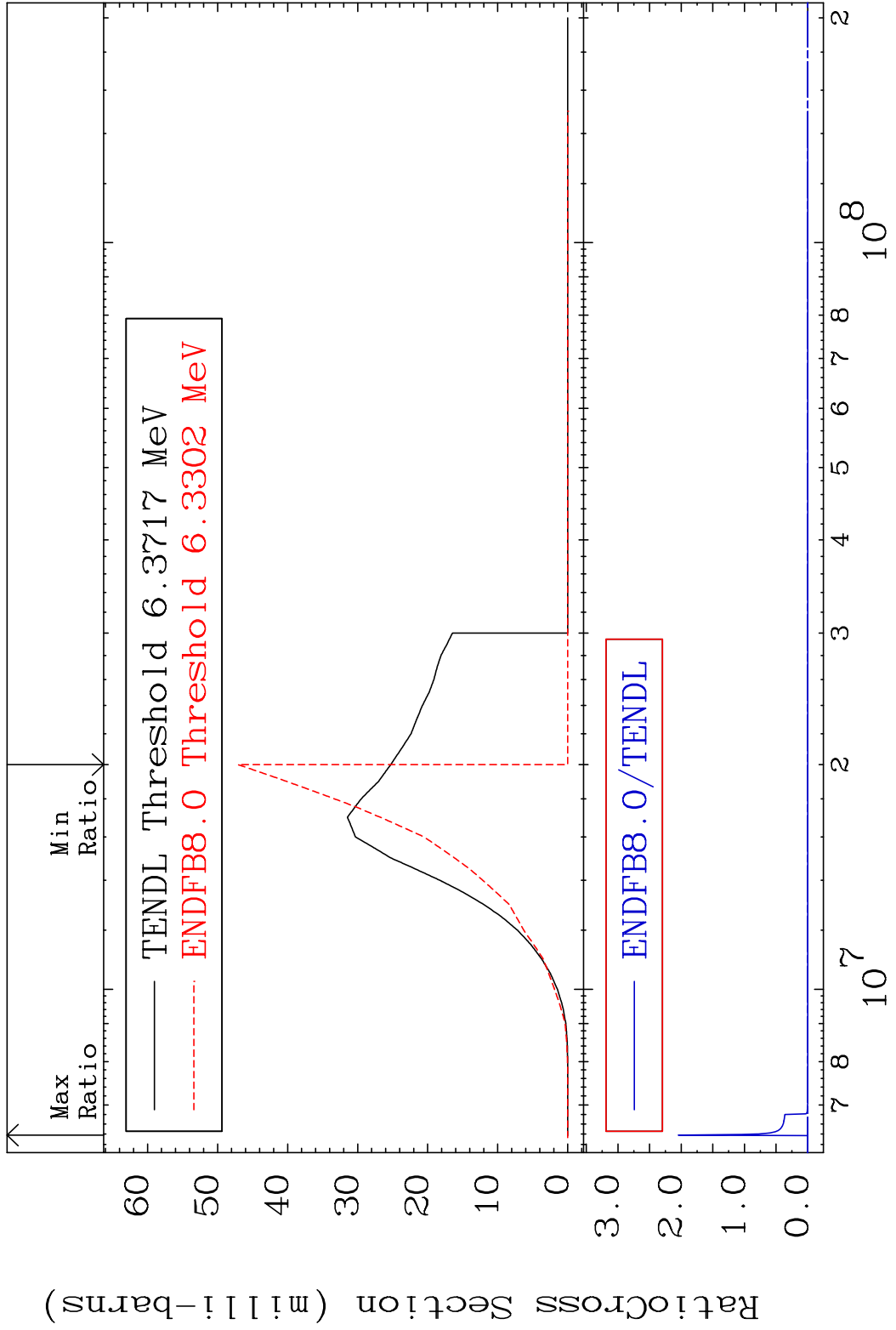
10 Incident Energy (eV) 24-Cr-54

MAT 2437  $(n, \gamma)$  24-Cr-54  
 Cross Section -100.0 To 3461. %

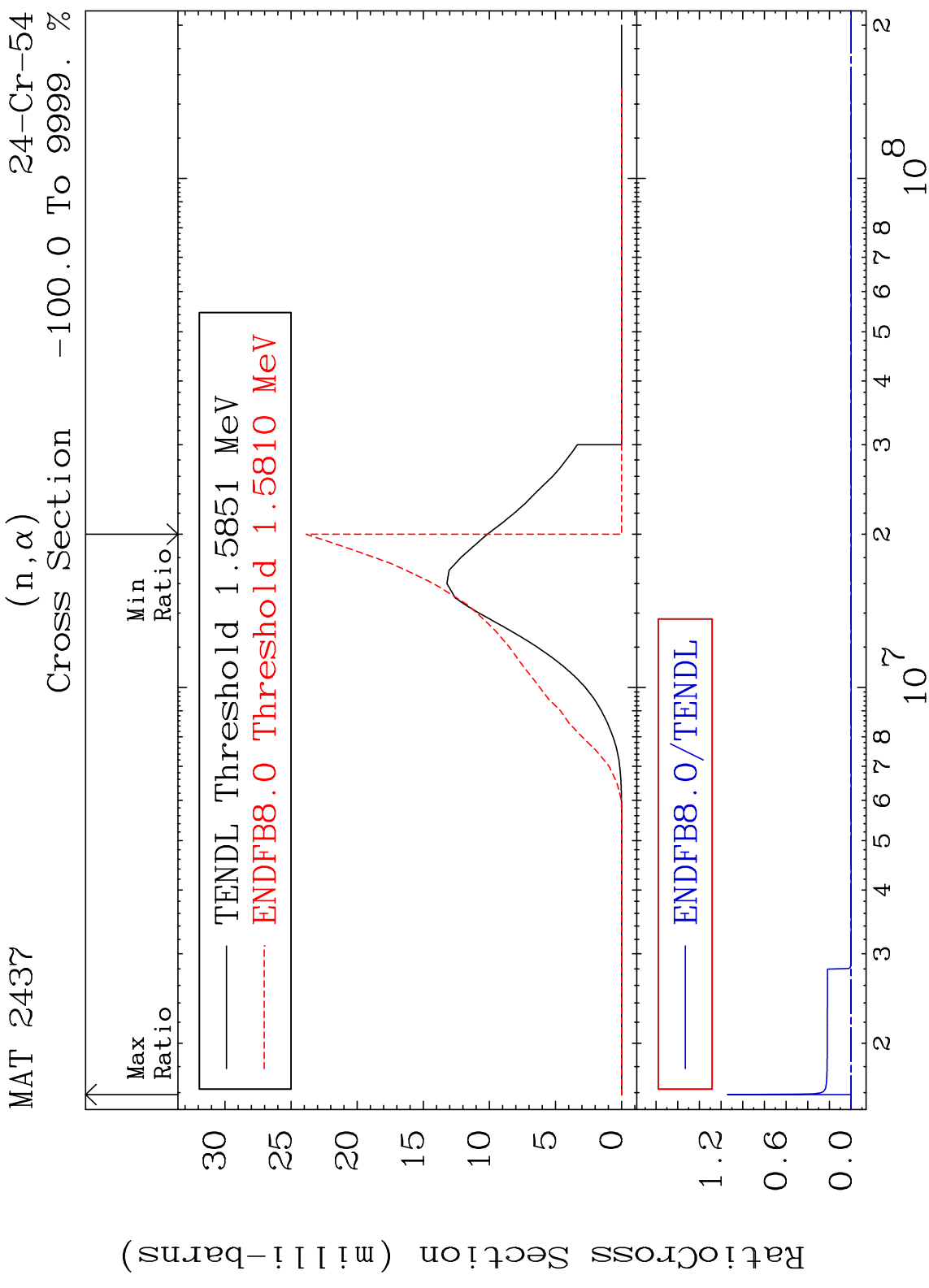


11 Incident Energy (eV) 24-Cr-54

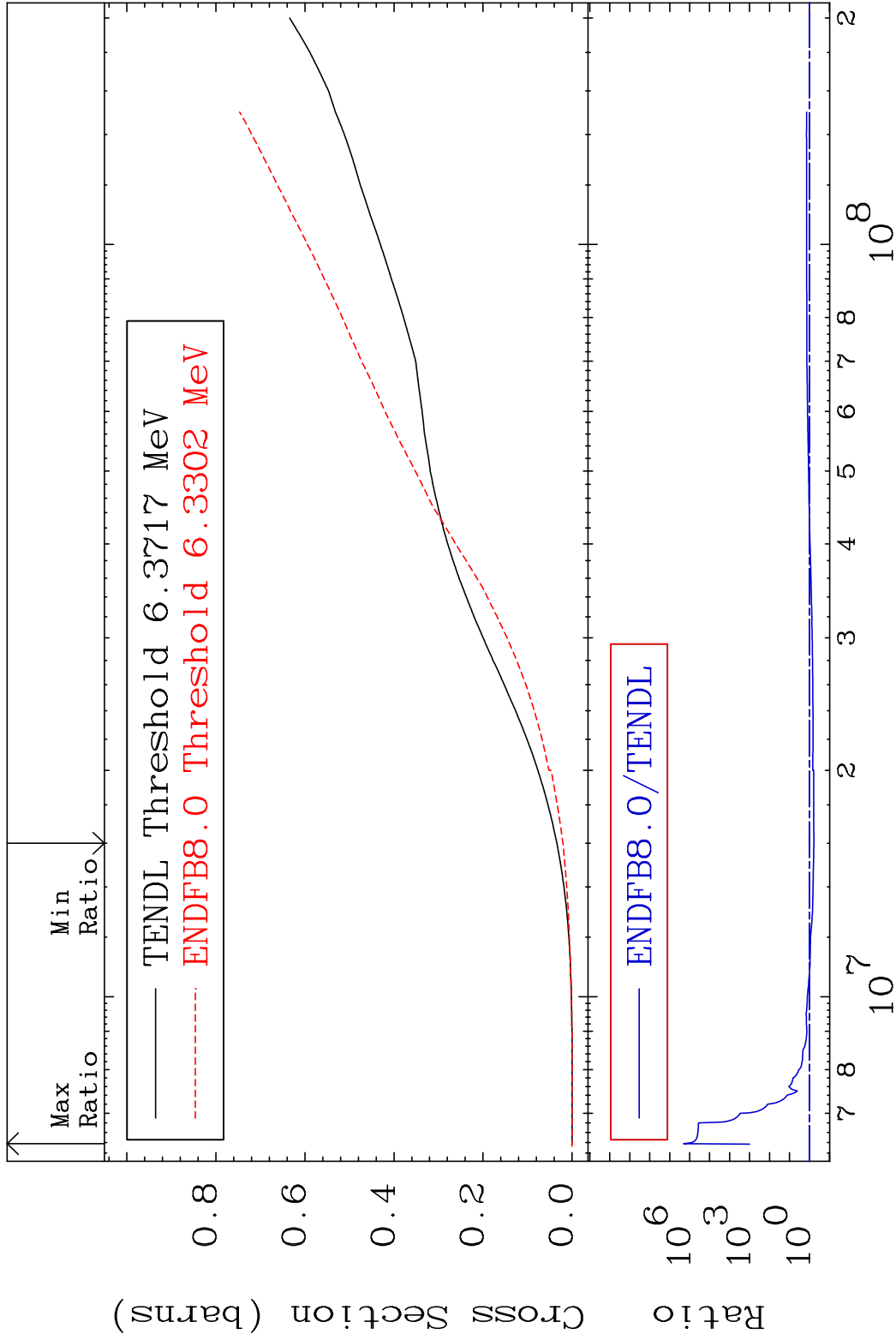
MAT 2437 (n,p) 24-Cr-54  
 Cross Section -100.0 To 9999. %



12 Incident Energy (eV) 24-Cr-54

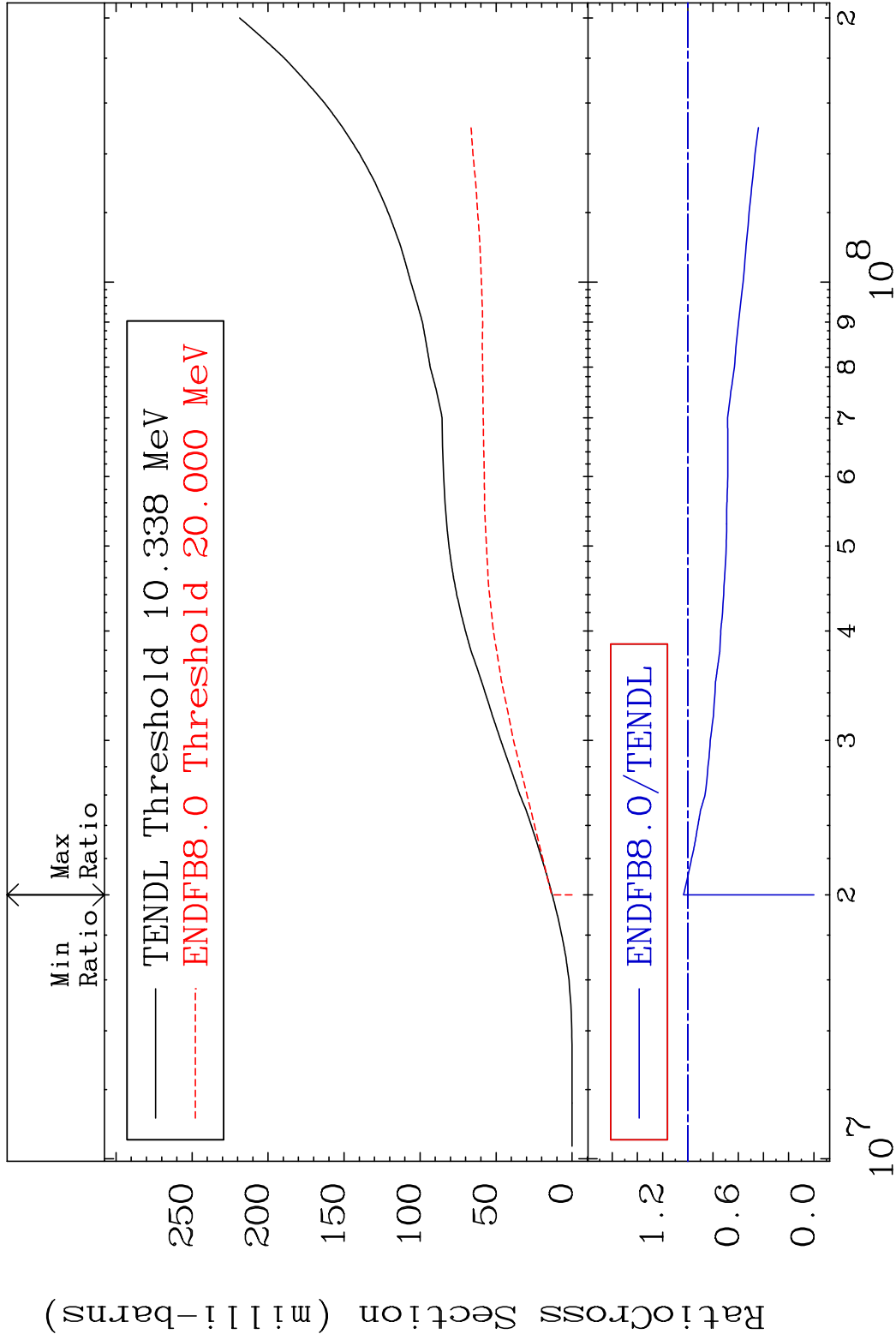


MAT 2437 Hydrogen Production 24-Cr-54  
 Cross Section -39.92 To 9999. %



14 Incident Energy (eV) 24-Cr-54

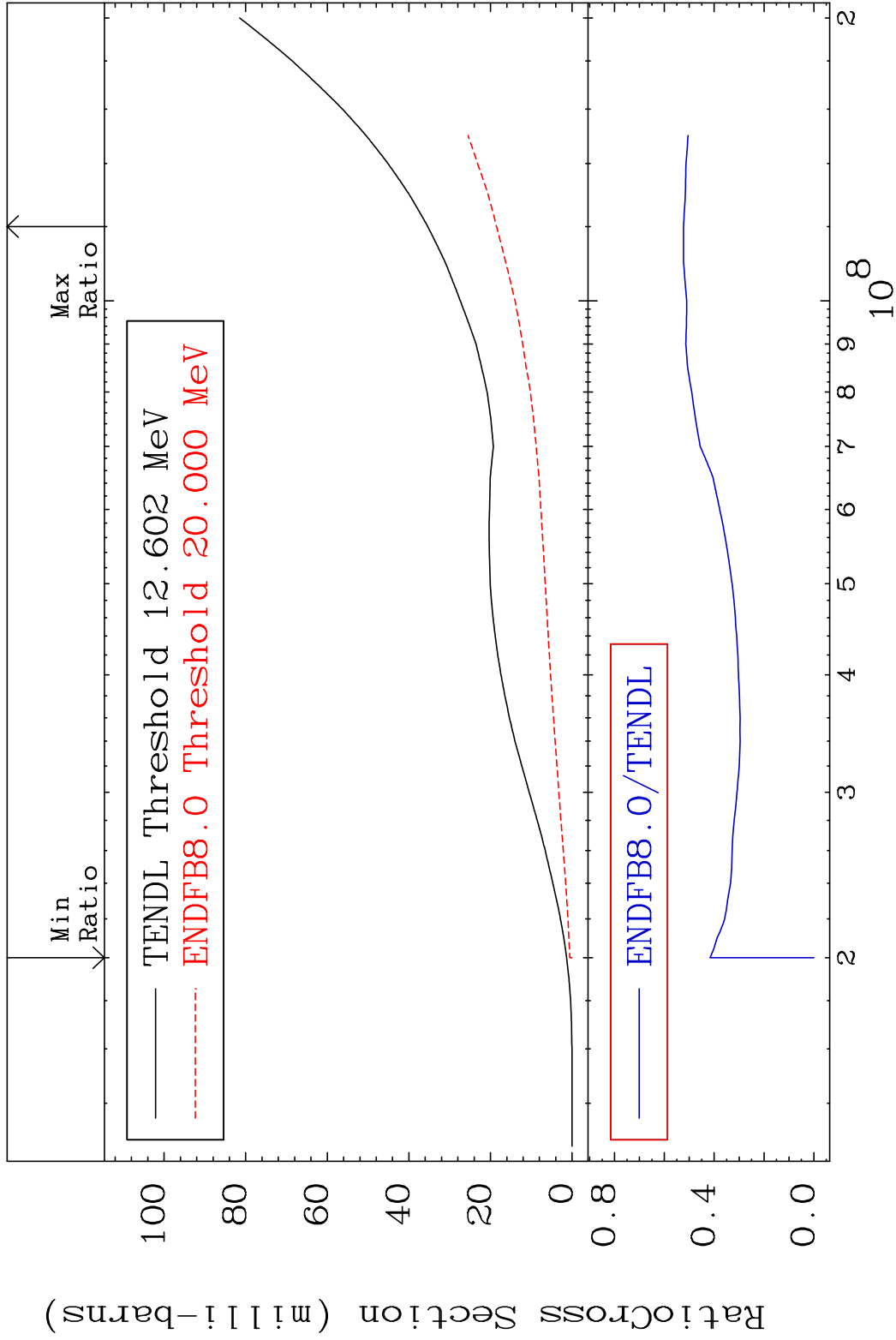
MAT 2437 Deuterium Production <sup>24</sup>Cr-54  
 Cross Section -100.0 To 3.457 %



15 Incident Energy (eV) <sup>24</sup>Cr-54



MAT 2437 Tritium Production <sup>24</sup>Cr-54  
 Cross Section -100.0 To -47.66%



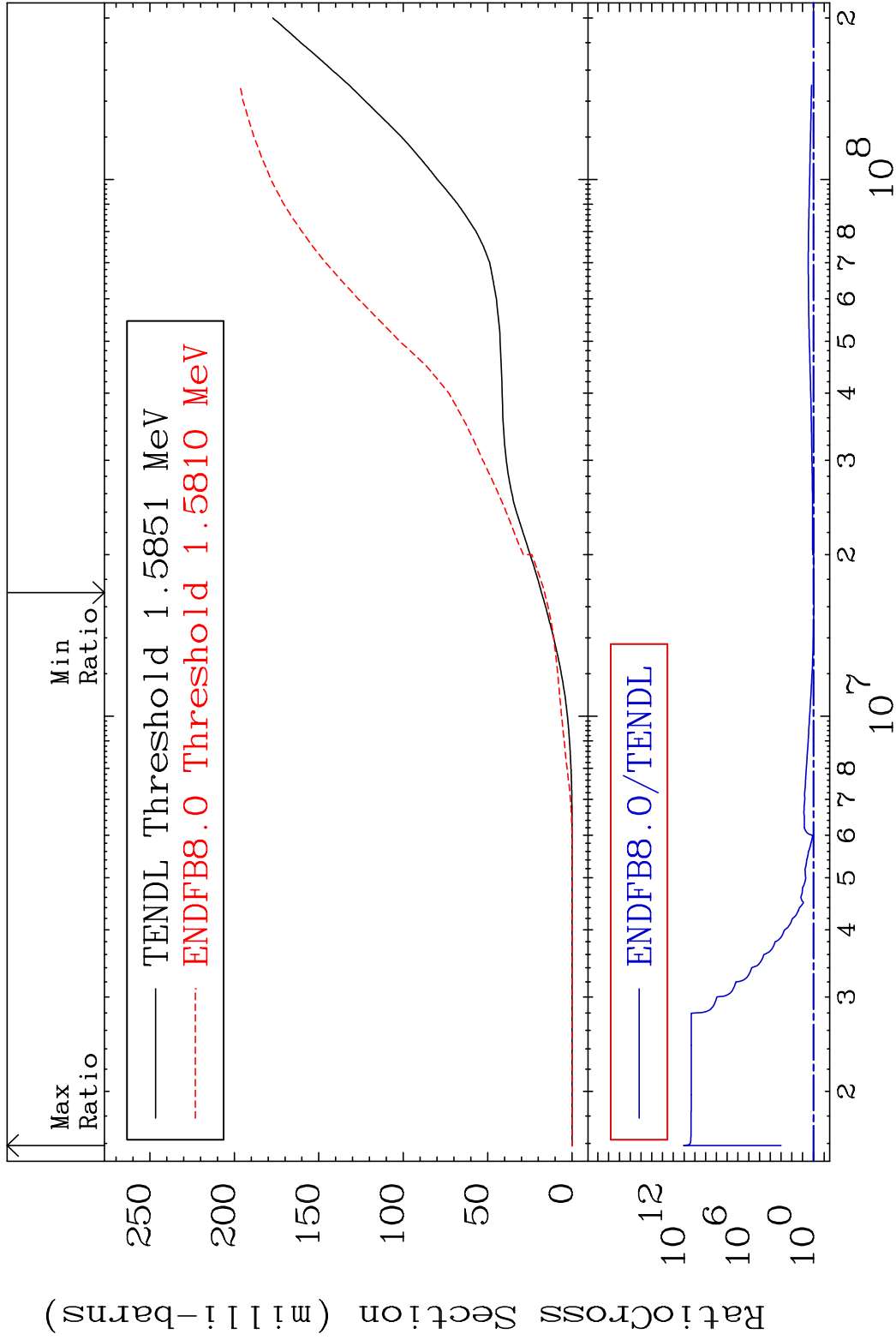
16 24-Cr-54

MAT 2437

He-4 Production

<sup>24</sup>Cr-54

Cross Section -9.777 To 9999. %

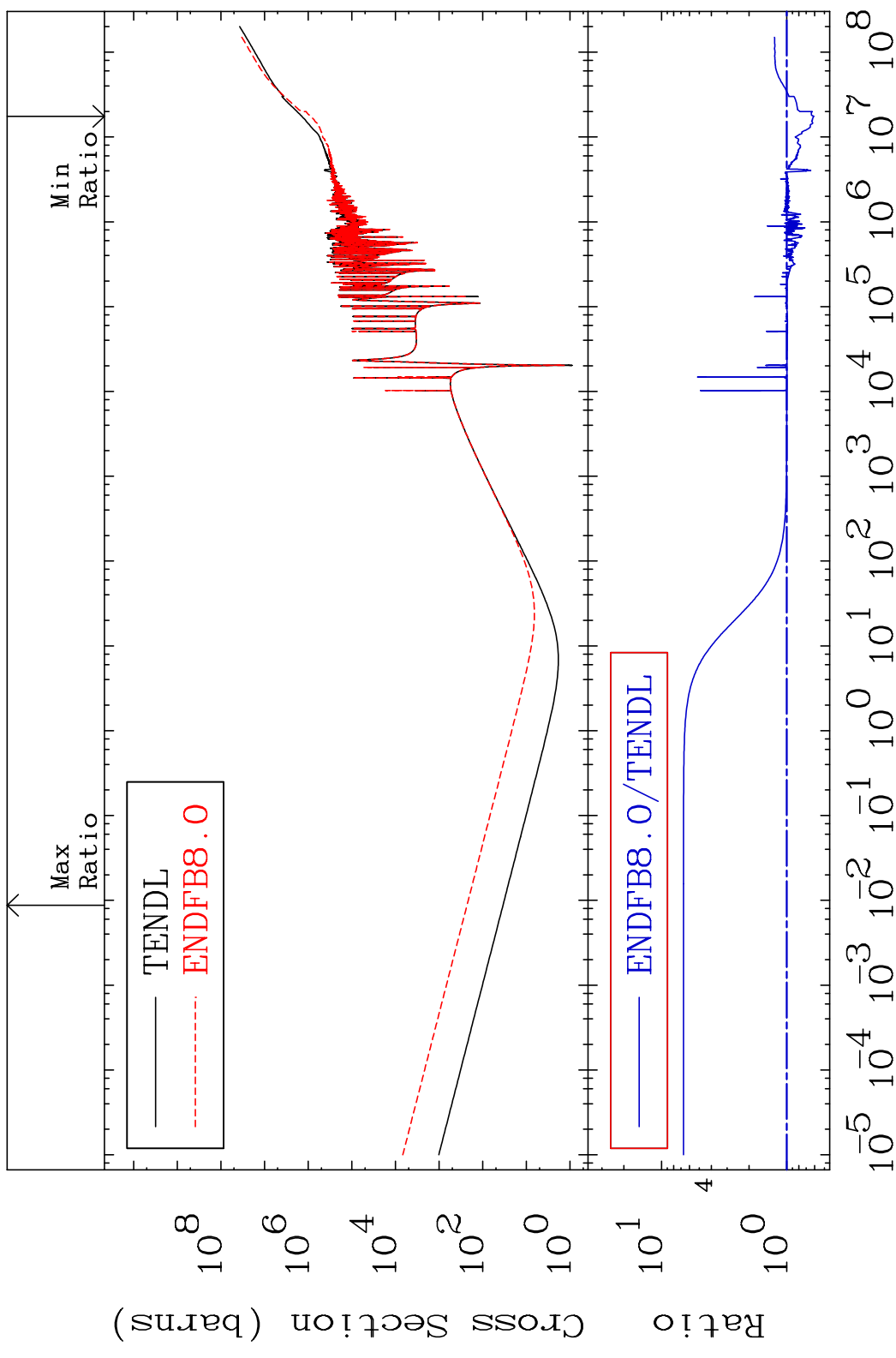


17

Incident Energy (eV)

<sup>24</sup>Cr-54

MAT 2437 Kerma total (eV-barns) 24-Cr-54  
 Cross Section -39.25 To 569.1 %

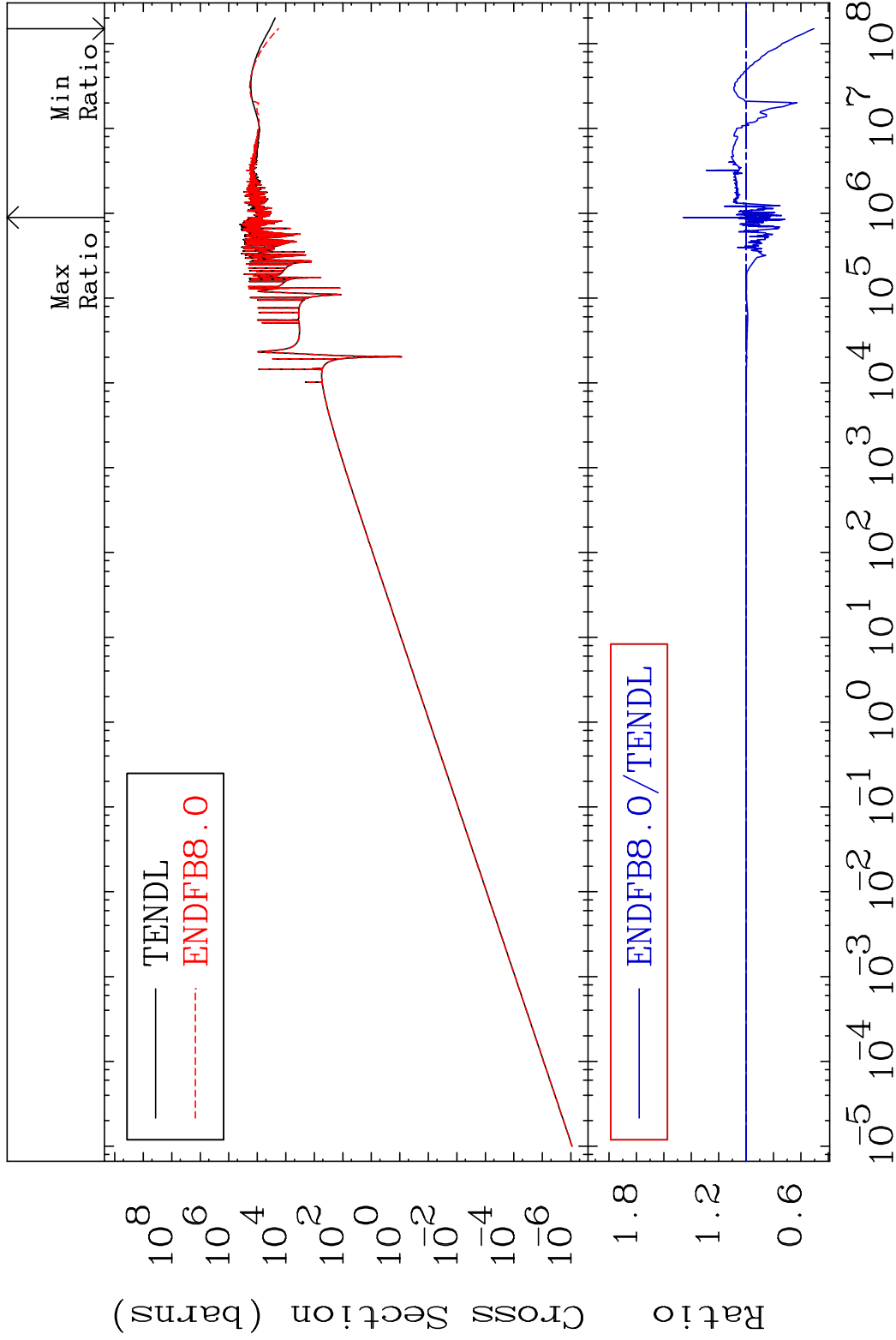


18 Incident Energy (eV) 24-Cr-54

MAT 2437

Kerma elastic  
Cross Section

24-Cr-54  
-49.52 To 45.69 %

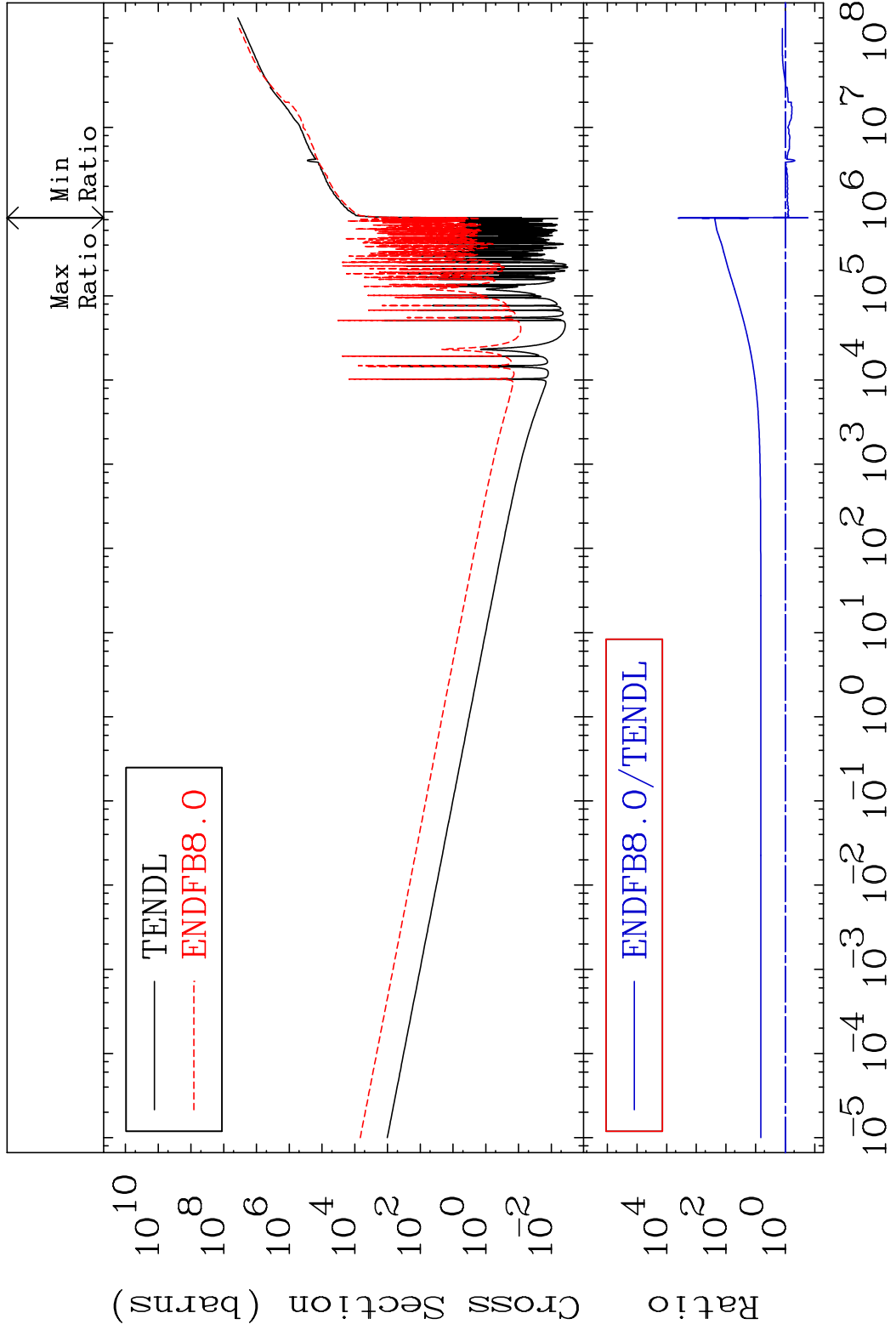


19

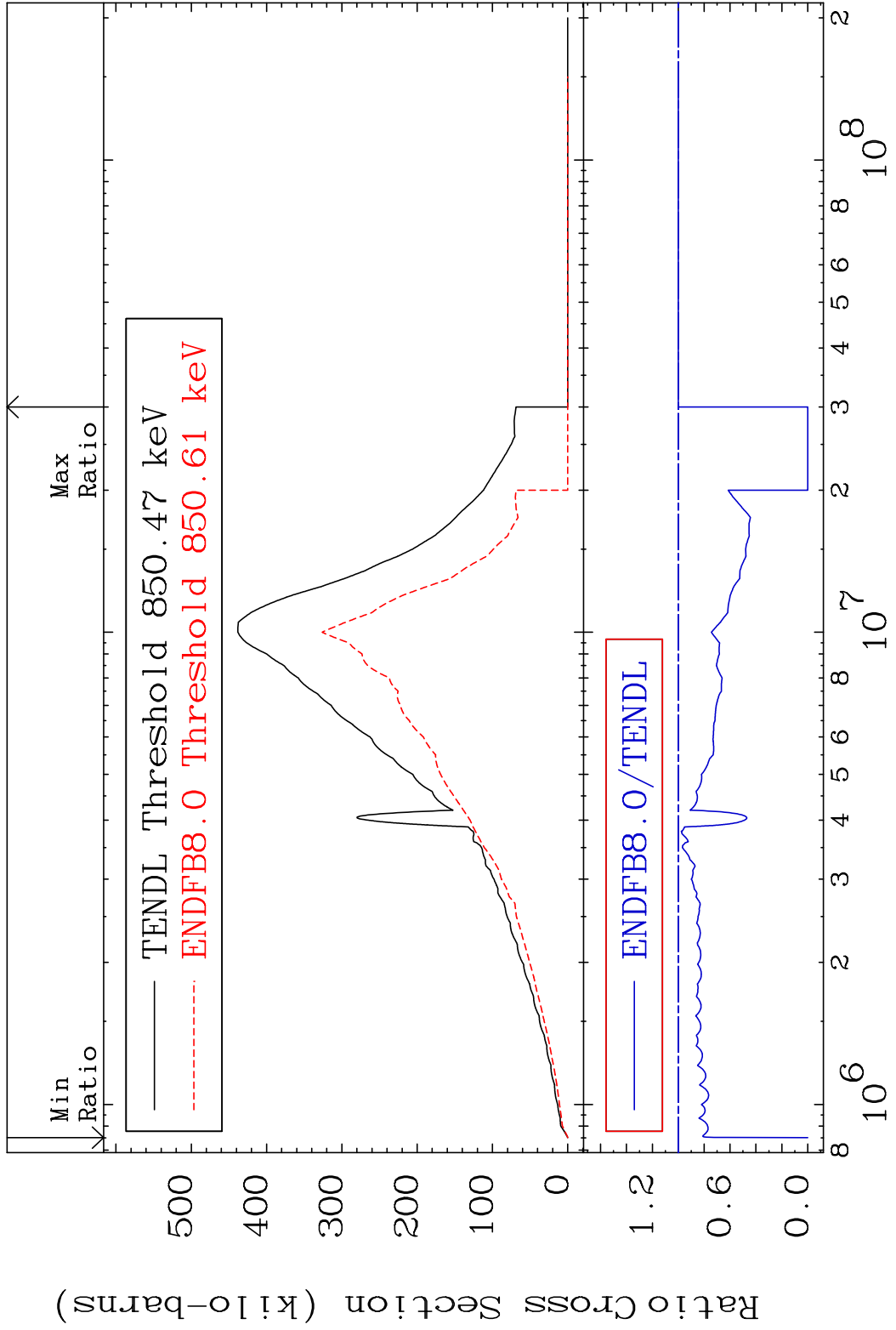
Incident Energy (eV)

24-Cr-54

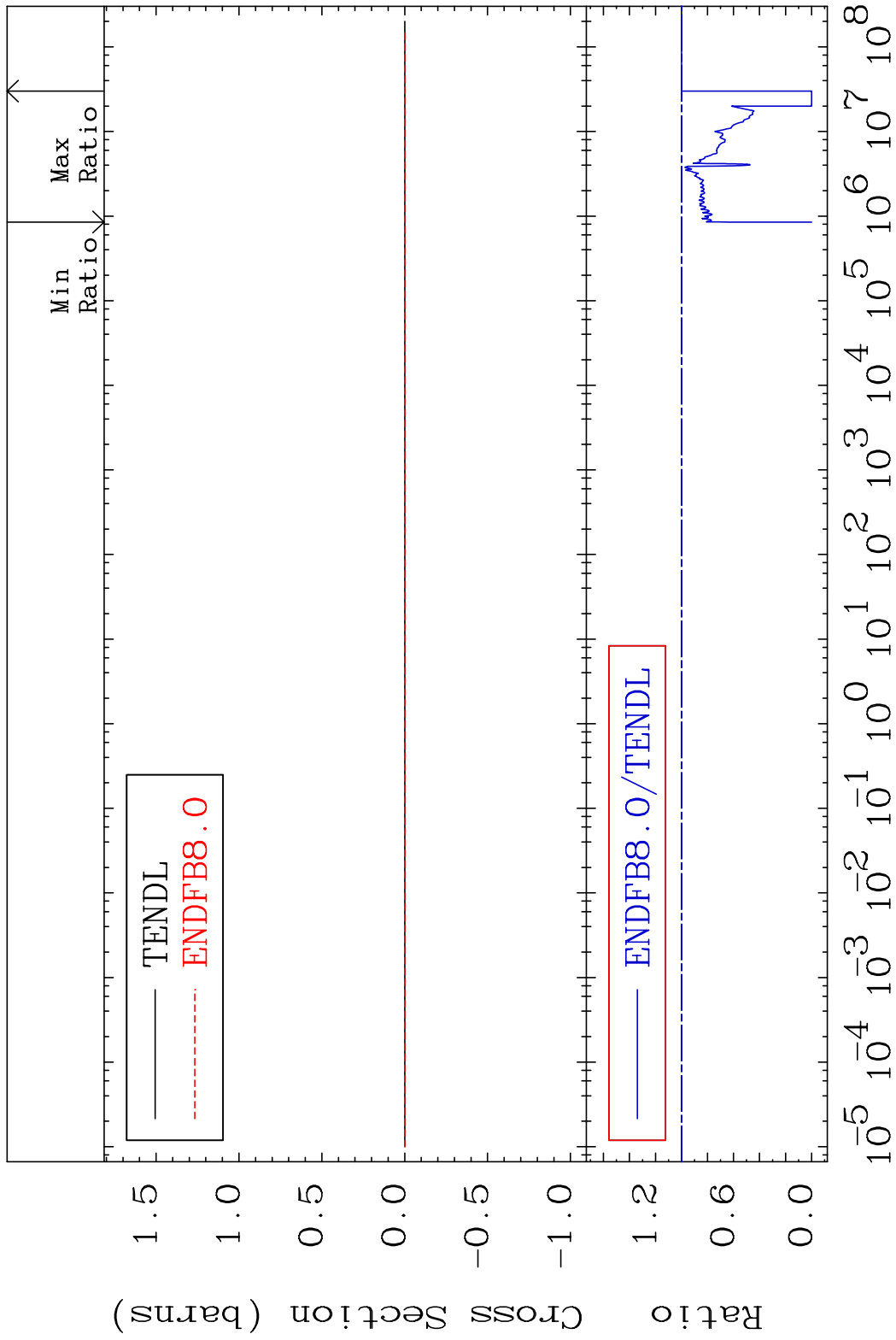
MAT 2437 Kerma non-elastic (all but mt2) 24-Cr-54  
 Cross Section -82.54 To 9999. %



20 Incident Energy (eV) 24-Cr-54

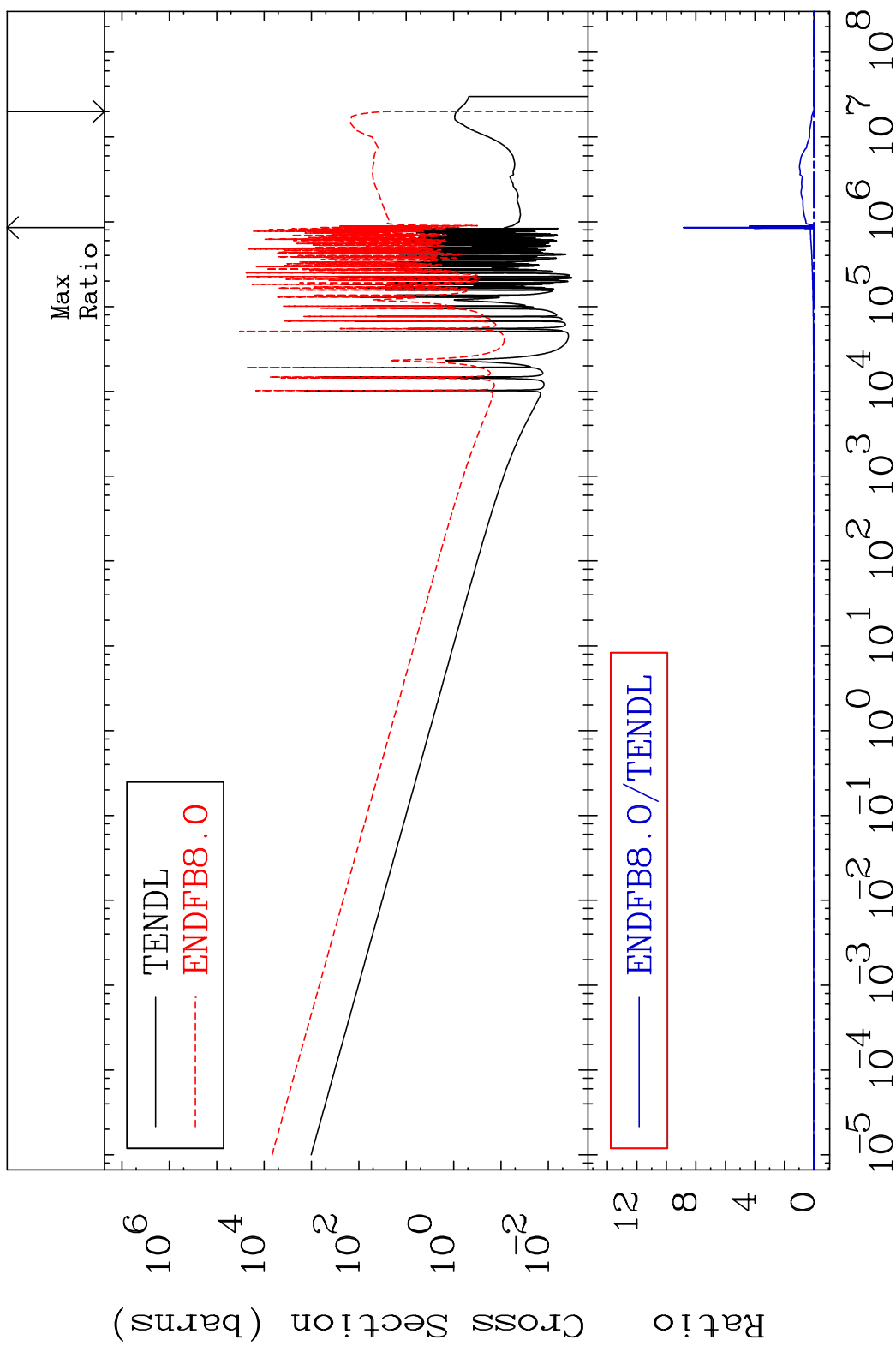


MAT 2437 Kerma fission (mt18 or mt19-20-21-38) 24-Cr-54  
 Cross Section -100.0 To 0.000 %



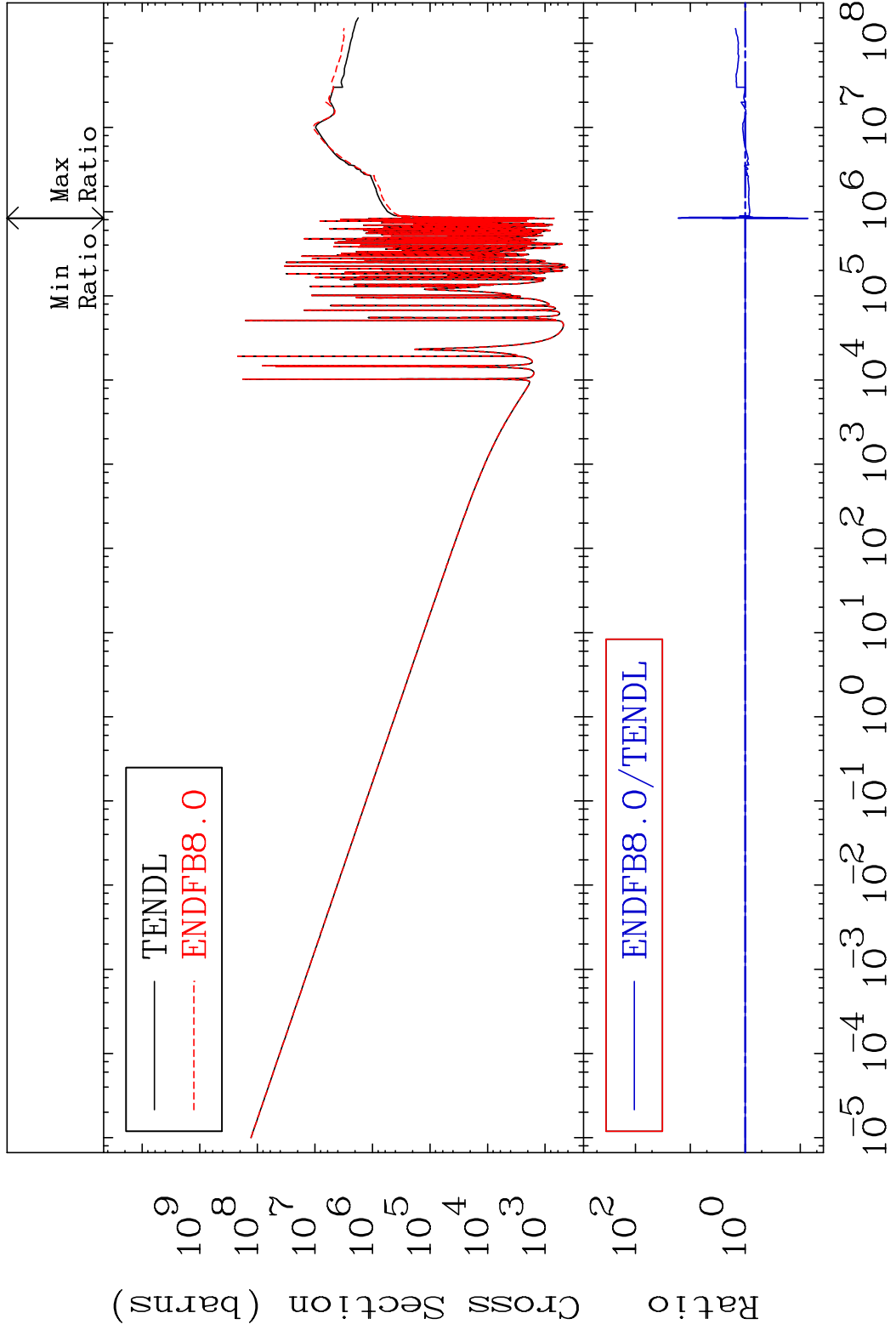
22 Incident Energy (eV) 24-Cr-54

MAT 2437 Kerma capture (mt102) 24-Cr-54  
 Cross Section -100.0 To 9999. %



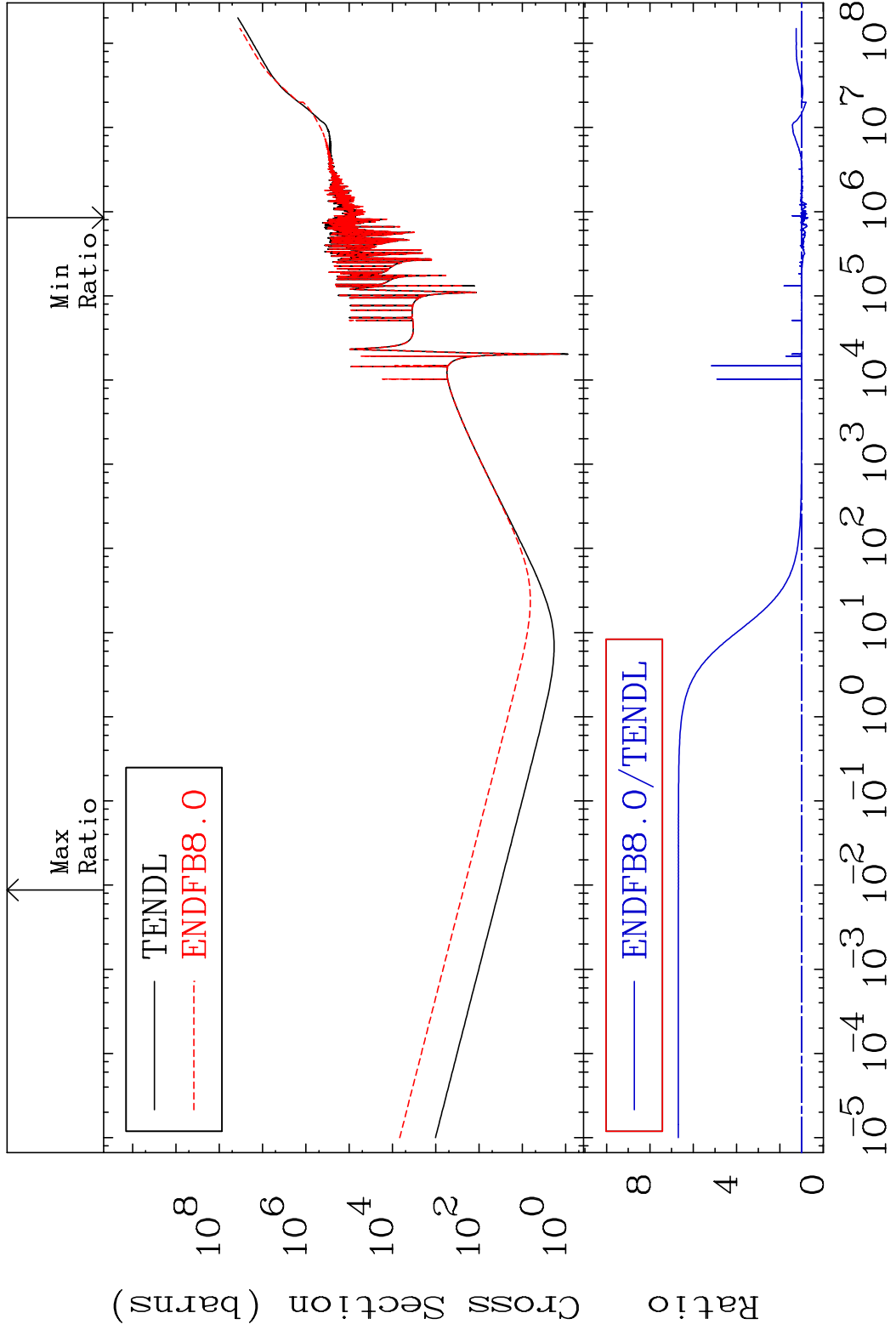


MAT 2437 Total photon (eV-barns) 24-Cr-54  
 Cross Section -92.71 To 1557. %

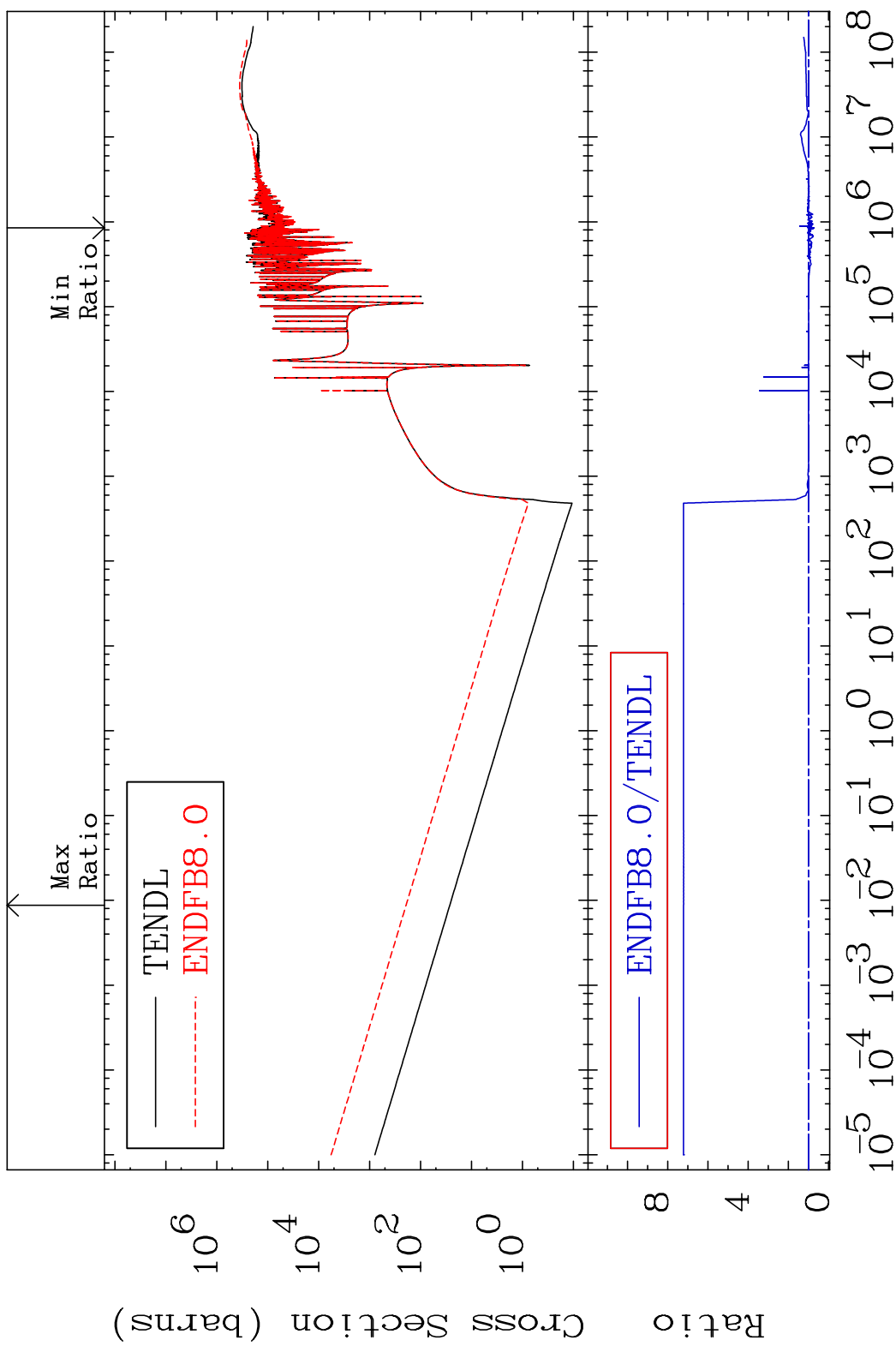


24 Incident Energy (eV) 24-Cr-54

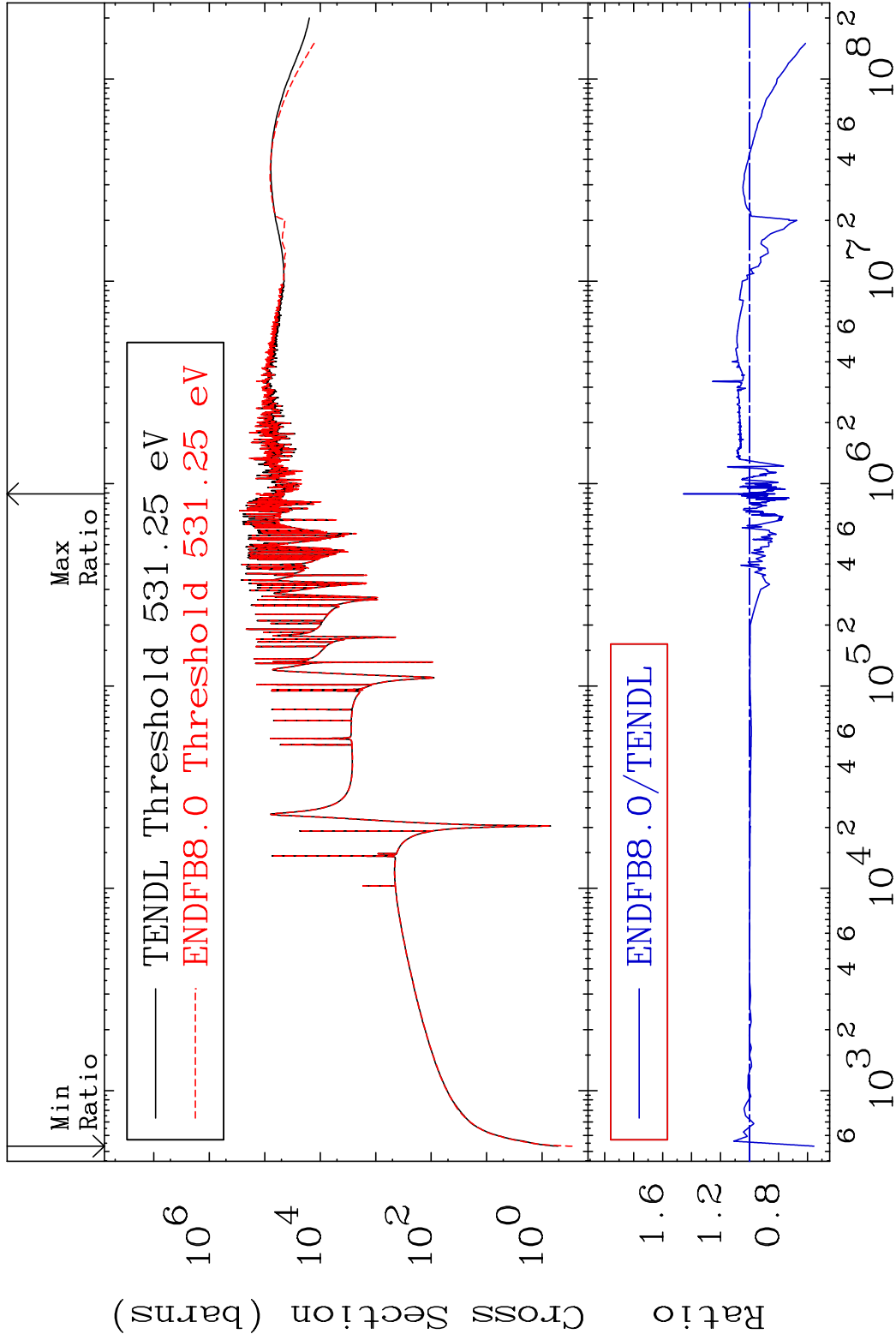
MAT 2437 Total kinematic kerma (high limit) 24-Cr-54  
 Cross Section -28.15 To 569.1 %



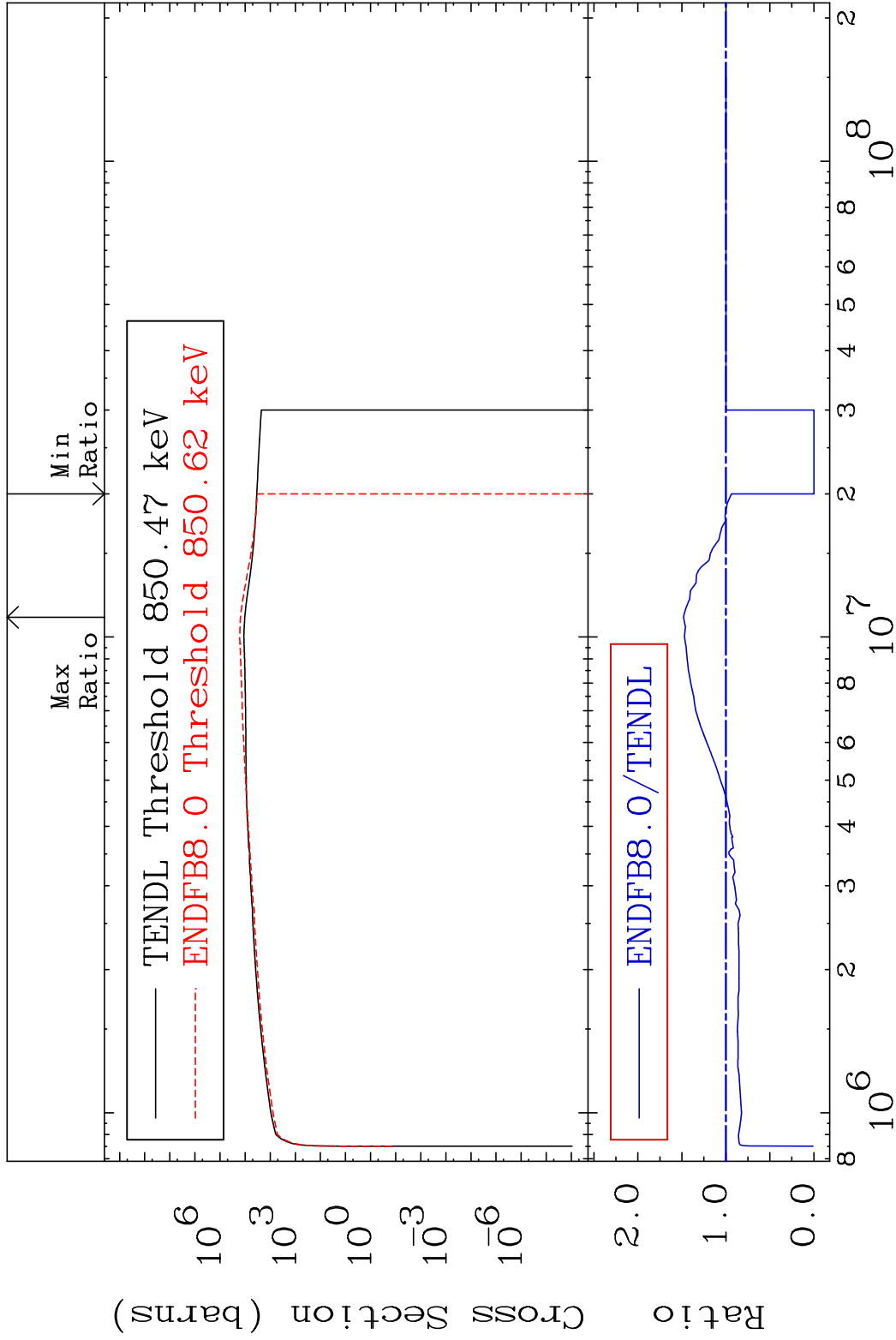
MAT 2437      Dpa total (eV-barns)      24-Cr-54  
 Cross Section      -27.07 To 621.9 %



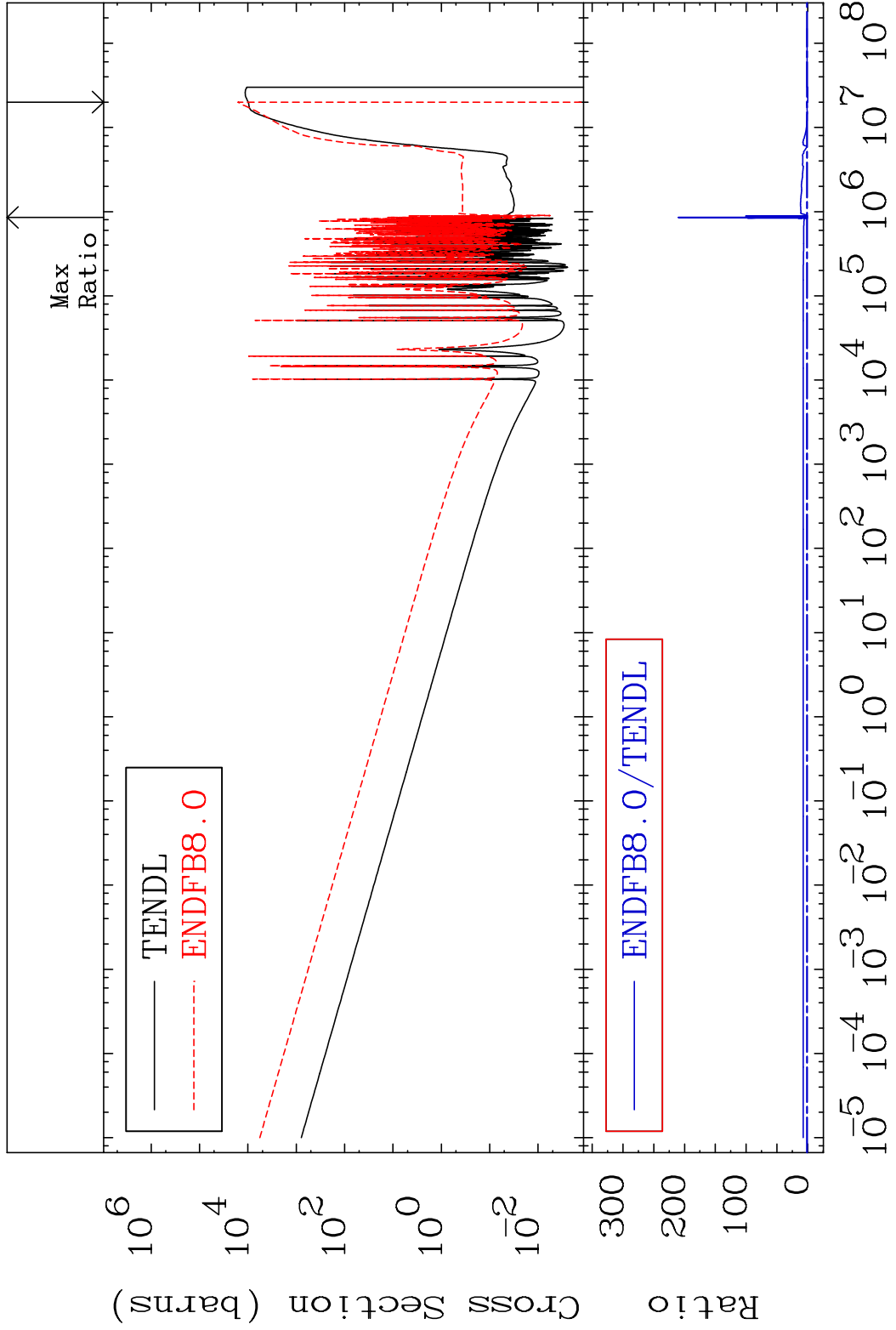
MAT 2437      Dpa elastic (mt2)      <sup>24</sup>Cr-54  
 Cross Section      -44.41 To 45.61 %



27      Incident Energy (eV)      <sup>24</sup>Cr-54



MAT 2437 Dpa disappearance (mt102 -120) 24-Cr-54  
 Cross Section -100.0 To 9999. %



29 Incident Energy (eV) 24-Cr-54